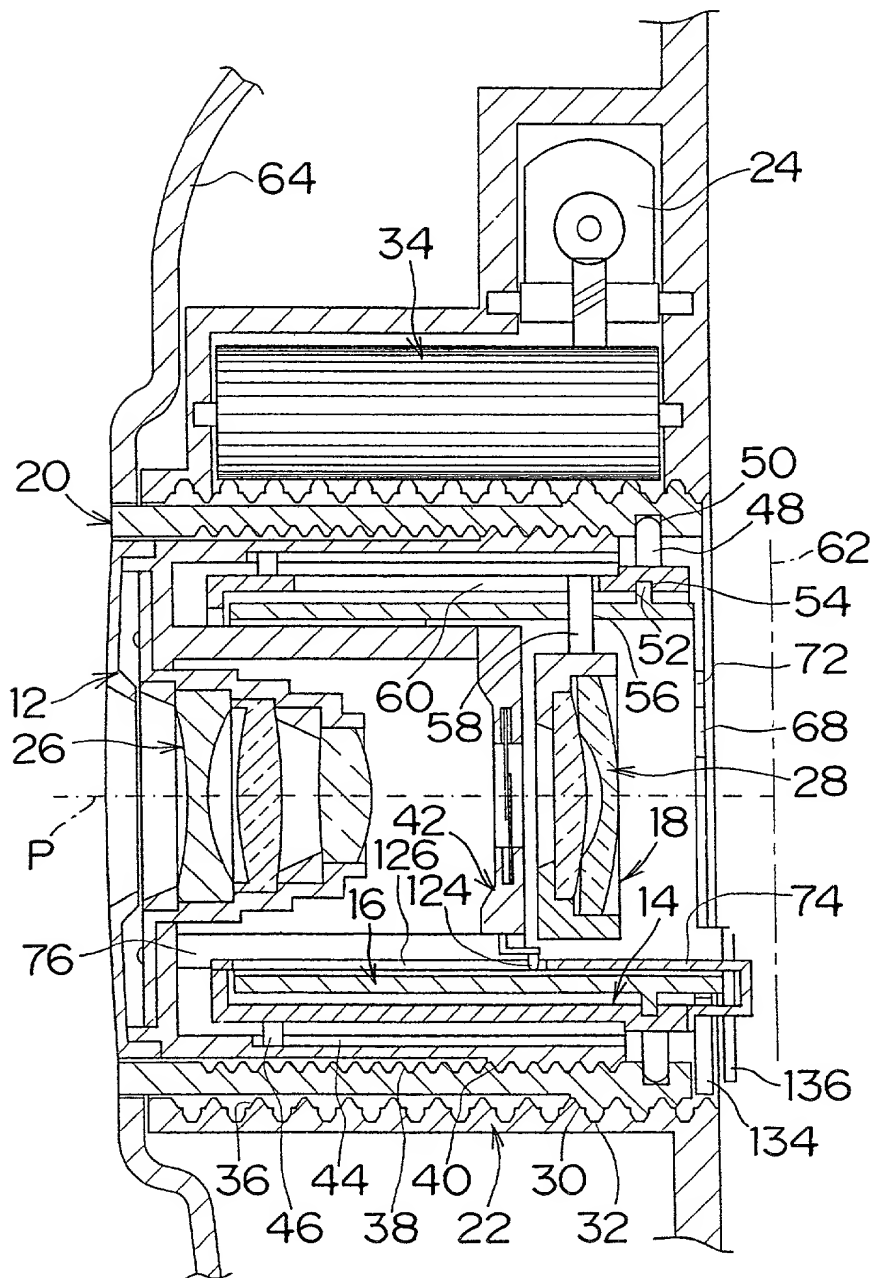
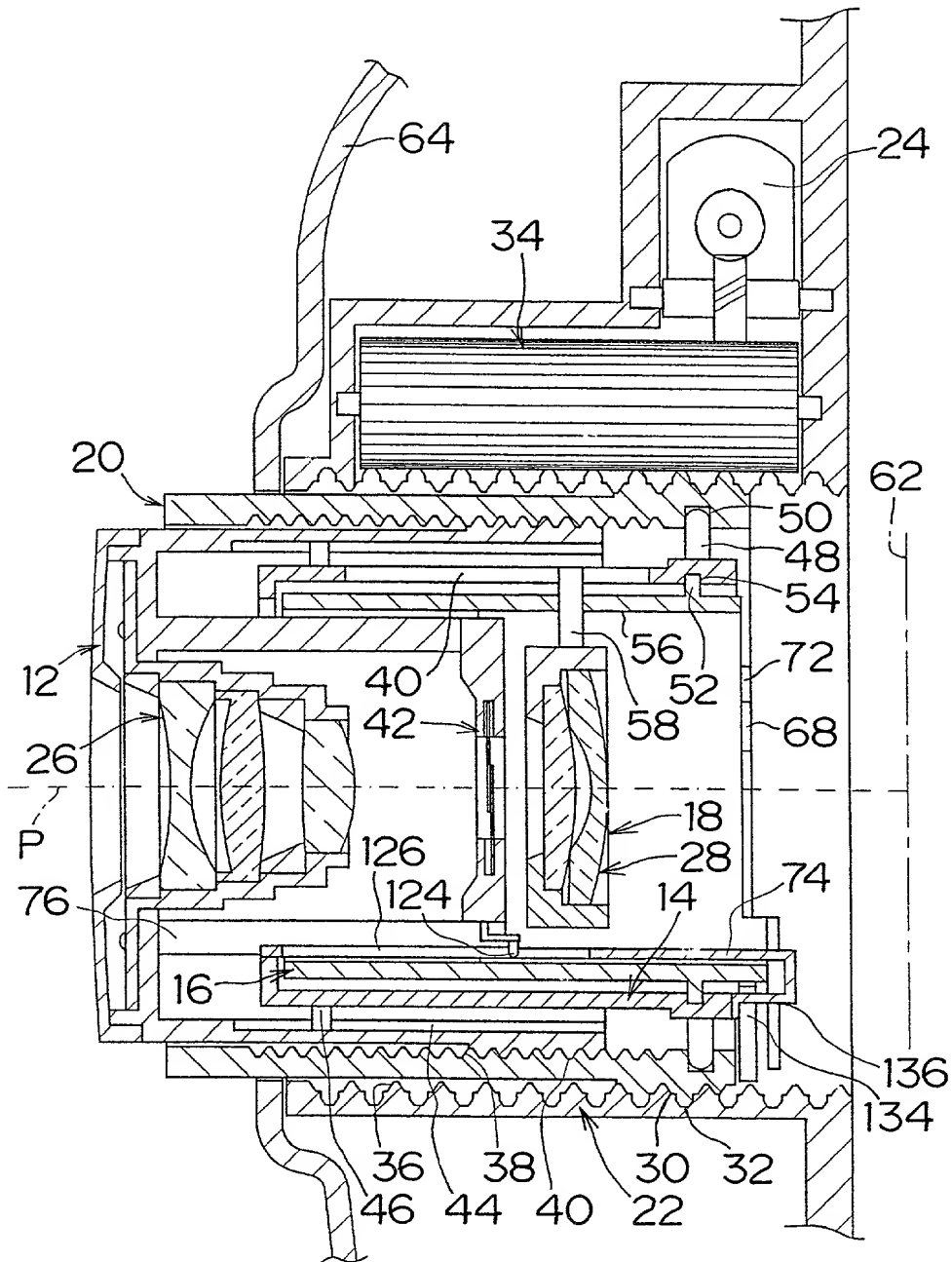


This exploded perspective view shows the assembly 10, which includes a base component 12 with a central opening 26 and a flange 40. A sleeve component 20 is positioned to fit over the base, featuring a central opening 38 and a flange 30. A cap component 22 is designed to fit over the sleeve, with a central opening 36 and a flange 48. A plug component 24 is shown with a central opening 26 and a flange 40. A ring component 28 is positioned to fit around the base, featuring a central opening 26 and a flange 40. A cap component 30 is shown with a central opening 38 and a flange 30. A plug component 32 is shown with a central opening 36 and a flange 48. A ring component 34 is positioned to fit around the base, featuring a central opening 26 and a flange 40. A cap component 36 is shown with a central opening 38 and a flange 30. A plug component 38 is shown with a central opening 36 and a flange 48. A ring component 40 is positioned to fit around the base, featuring a central opening 26 and a flange 40. A cap component 42 is shown with a central opening 38 and a flange 30. A plug component 44 is shown with a central opening 36 and a flange 48. A ring component 46 is positioned to fit around the base, featuring a central opening 26 and a flange 40. A cap component 48 is shown with a central opening 38 and a flange 30. A plug component 50 is shown with a central opening 36 and a flange 48. A ring component 52 is positioned to fit around the base, featuring a central opening 26 and a flange 40. A cap component 54 is shown with a central opening 38 and a flange 30. A plug component 56 is shown with a central opening 36 and a flange 48. A ring component 58 is positioned to fit around the base, featuring a central opening 26 and a flange 40. A cap component 60 is shown with a central opening 38 and a flange 30. A plug component 62 is shown with a central opening 36 and a flange 48. A ring component 64 is positioned to fit around the base, featuring a central opening 26 and a flange 40. A cap component 66 is shown with a central opening 38 and a flange 30. A plug component 68 is shown with a central opening 36 and a flange 48. A ring component 70 is positioned to fit around the base, featuring a central opening 26 and a flange 40. A cap component 72 is shown with a central opening 38 and a flange 30. A plug component 74 is shown with a central opening 36 and a flange 48. A ring component 76 is positioned to fit around the base, featuring a central opening 26 and a flange 40. A cap component 78 is shown with a central opening 38 and a flange 30. A plug component 80 is shown with a central opening 36 and a flange 48. A ring component 82 is positioned to fit around the base, featuring a central opening 26 and a flange 40. A cap component 84 is shown with a central opening 38 and a flange 30. A plug component 86 is shown with a central opening 36 and a flange 48. A ring component 88 is positioned to fit around the base, featuring a central opening 26 and a flange 40. A cap component 90 is shown with a central opening 38 and a flange 30. A plug component 92 is shown with a central opening 36 and a flange 48. A ring component 94 is positioned to fit around the base, featuring a central opening 26 and a flange 40. A cap component 96 is shown with a central opening 38 and a flange 30. A plug component 98 is shown with a central opening 36 and a flange 48. A ring component 100 is positioned to fit around the base, featuring a central opening 26 and a flange 40.

FIG. 2



F I G. 3





F I G. 5

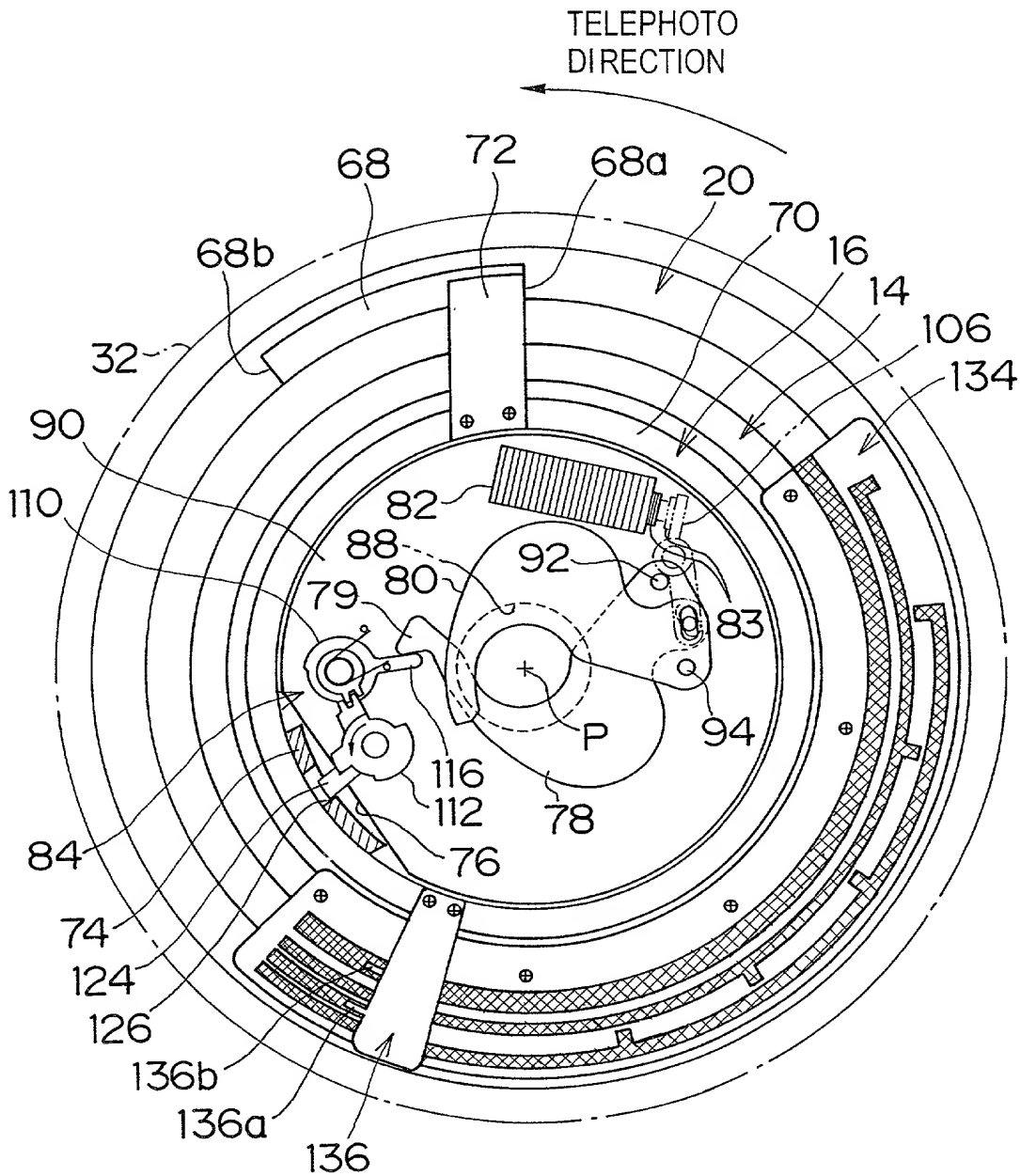


FIG. 6

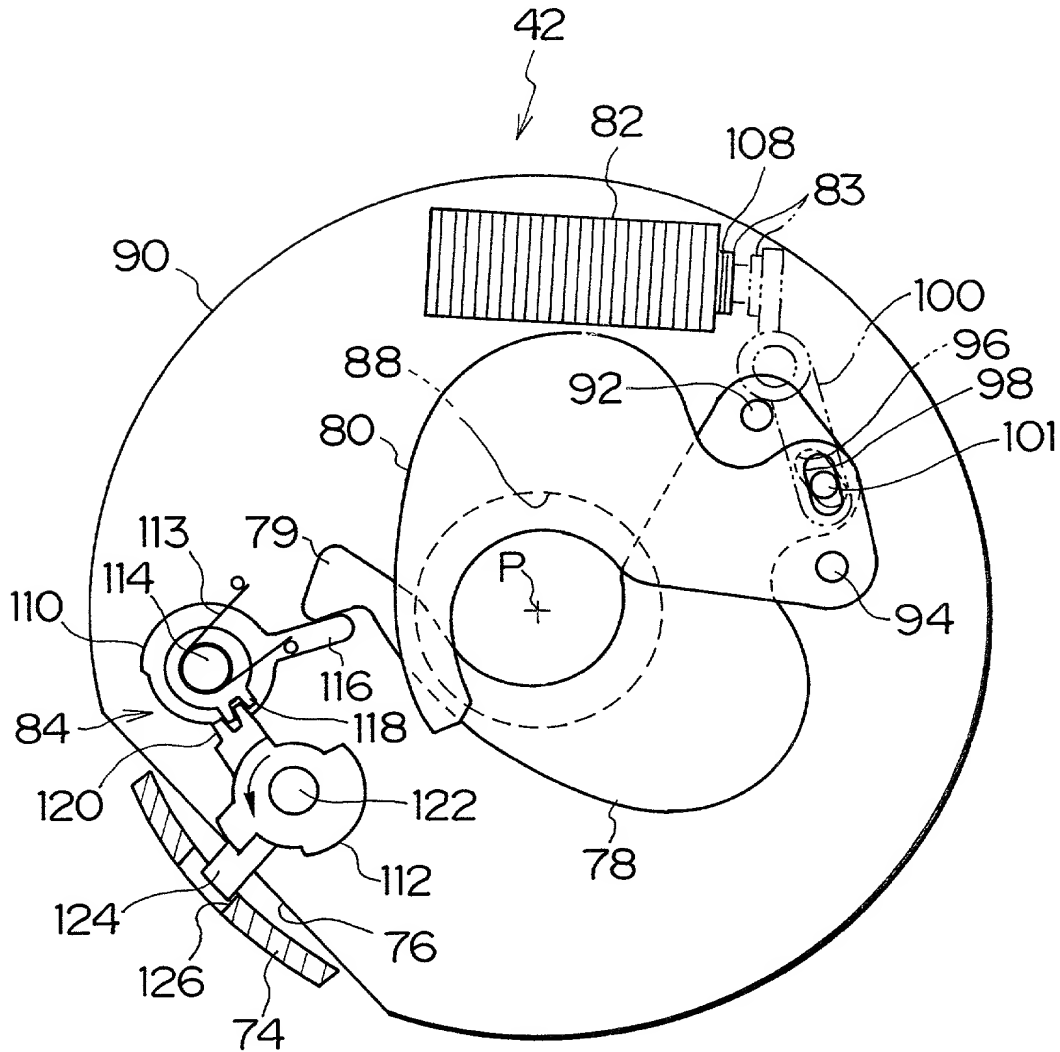


FIG. 7

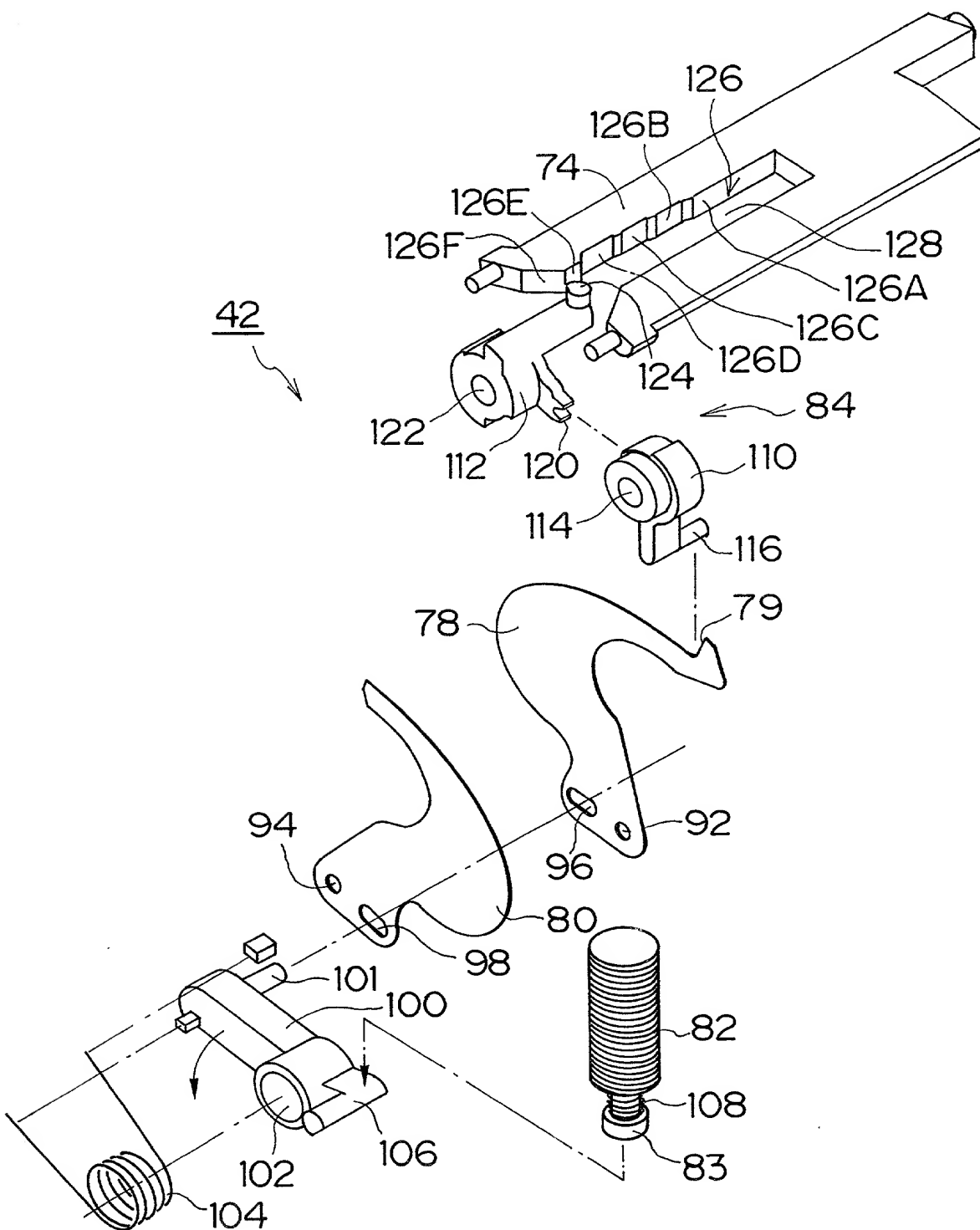


FIG. 8

(WIDE-ANGLE END)  
Zoom down

(TELEPHOTO END)  
Zoom Up

128  
74  
126  
124  
126A  
126B  
126C  
126D  
126E  
126F

124  
116  
78  
80

124  
116  
78  
80

124  
116  
78  
80

124  
116  
78  
80

124  
116  
78  
80

124  
116  
78  
80

Z1  
Z2  
Z3  
Z4  
Z5  
Z6

OPTICAL AXIS

(OPEN APERTURE)



F I G. 9

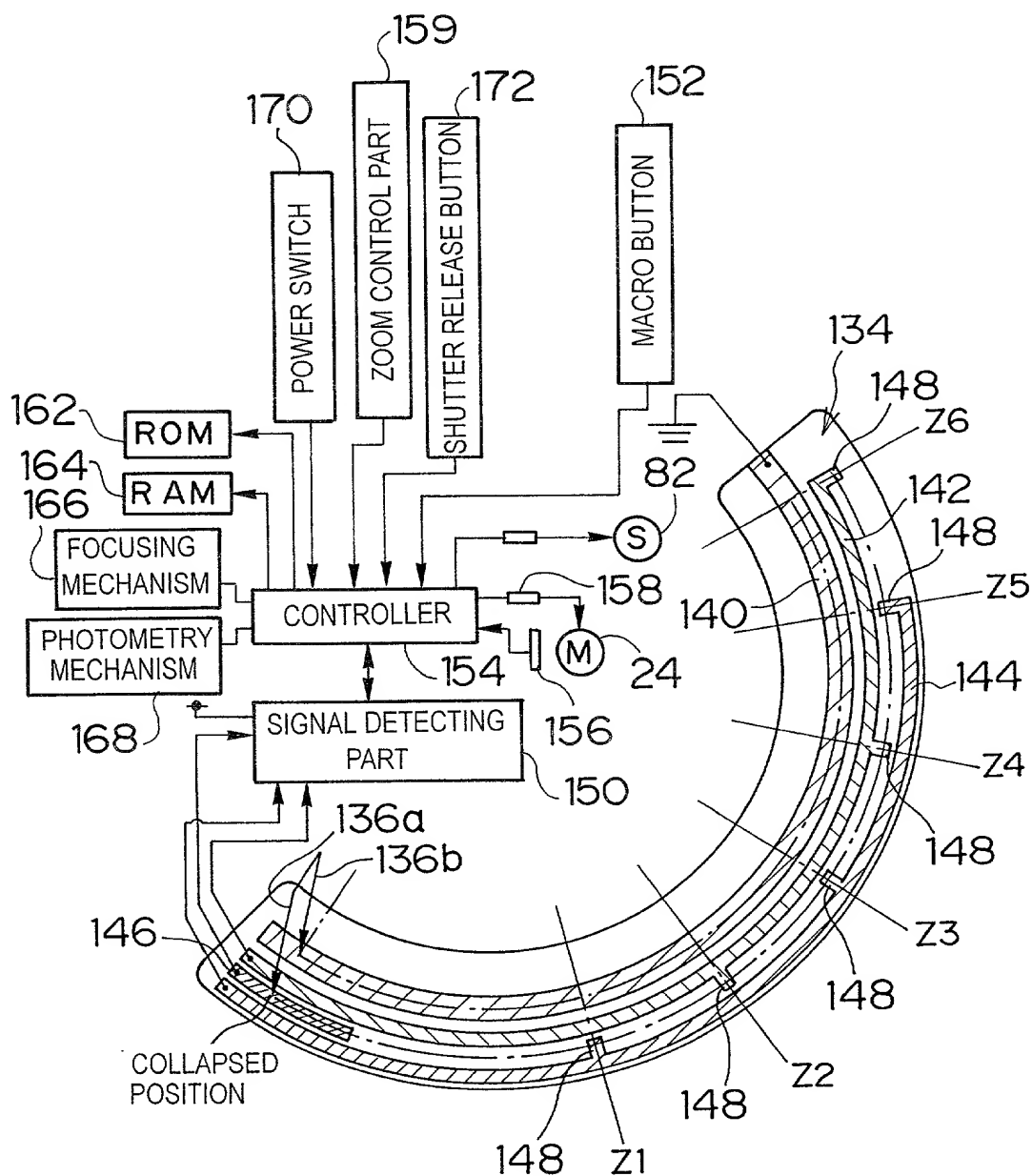


FIG. 10

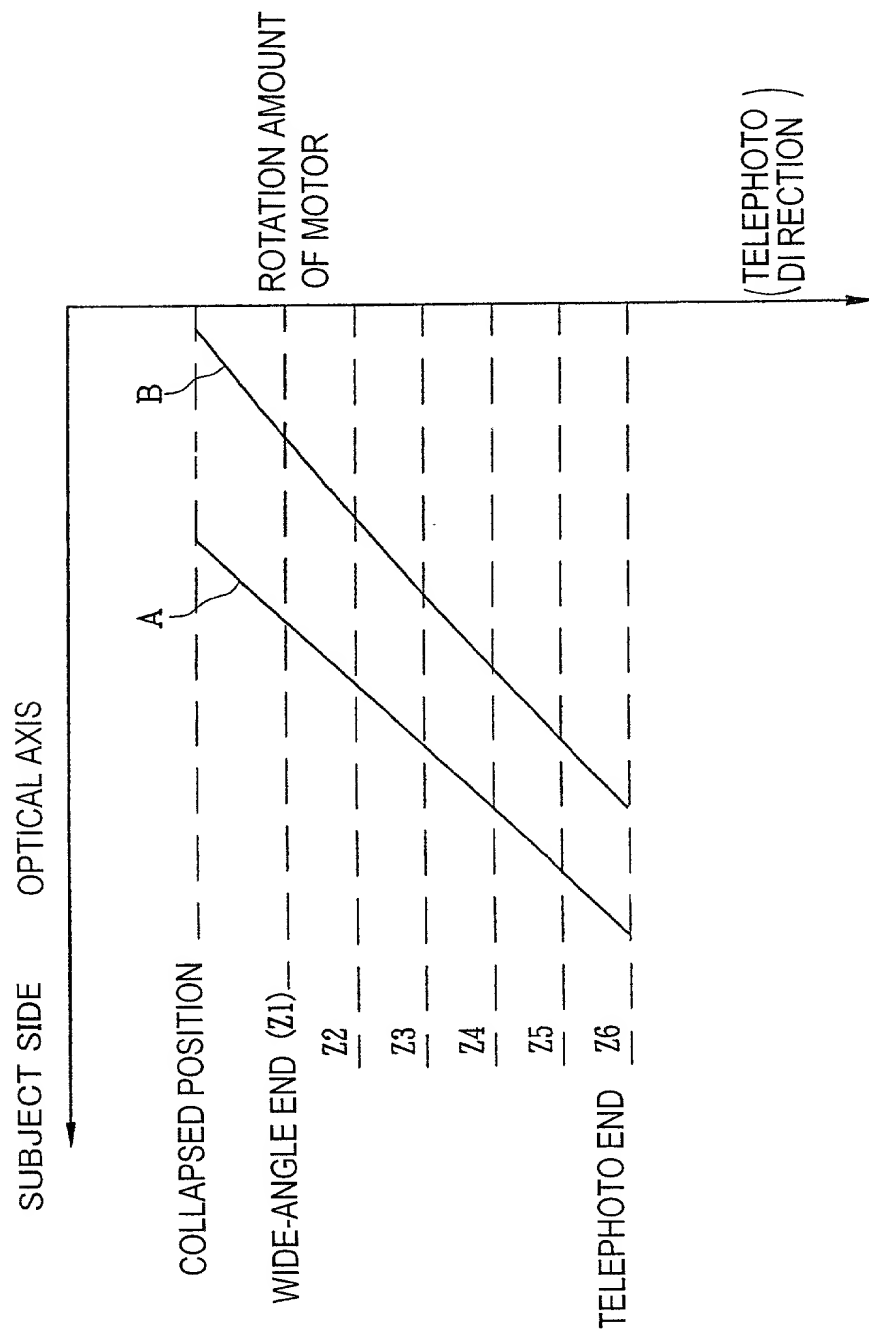
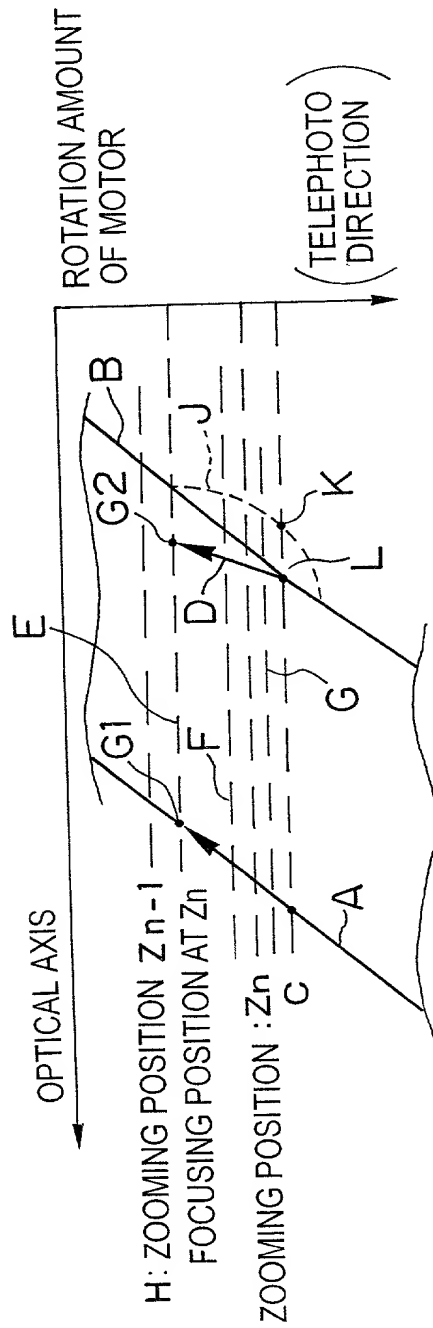


FIG. 11



E: INFINITY FOCUSING POSITION AT  $Z_n$   
F: NORMAL SHORT-DISTANCE FOCUSING POSITION AT  $Z_n$   
G: MACRO SHORT-DISTANCE FOCUSING POSITION AT  $Z_n$   
J: CORRECTED CURVED LINE OF LOCUS K

FIG. 12

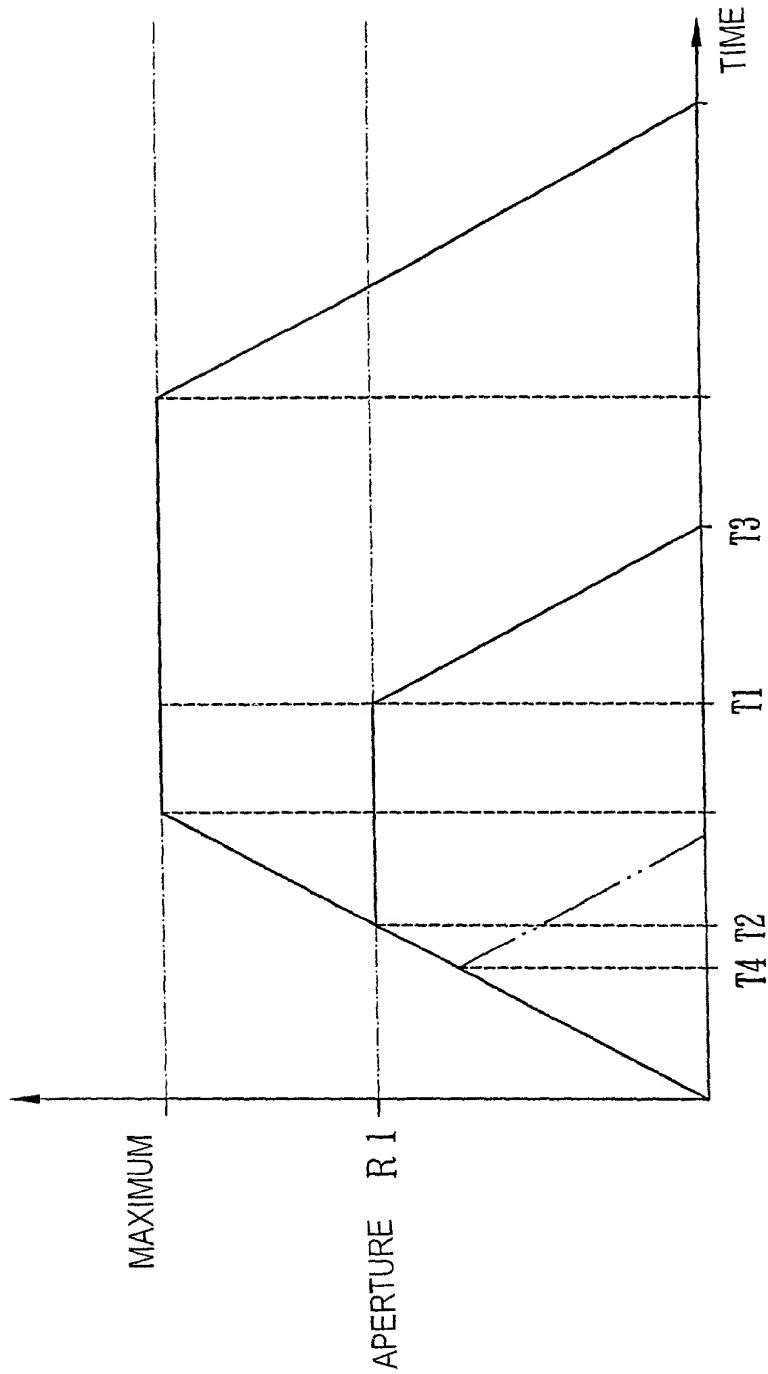
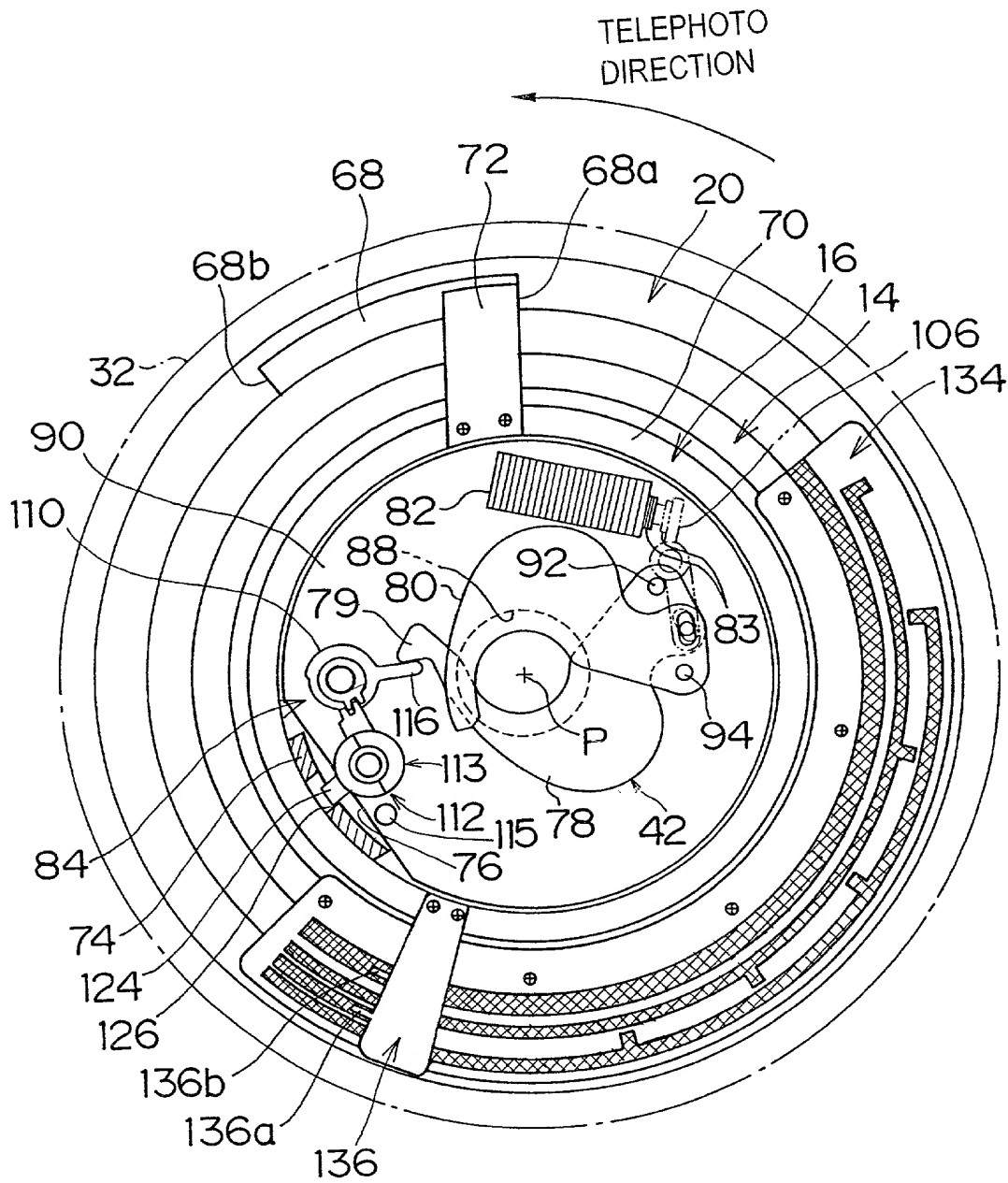
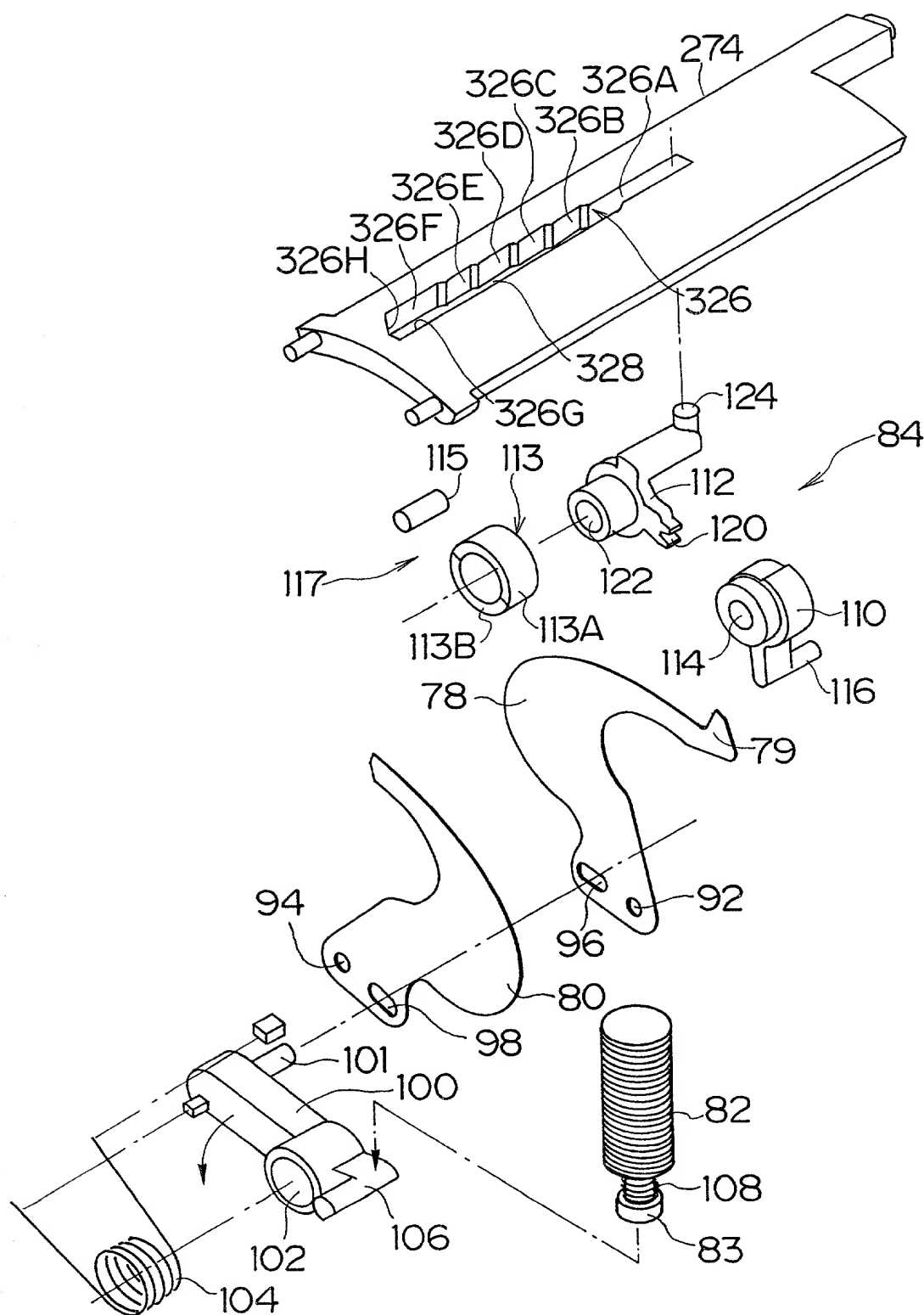


FIG. 13





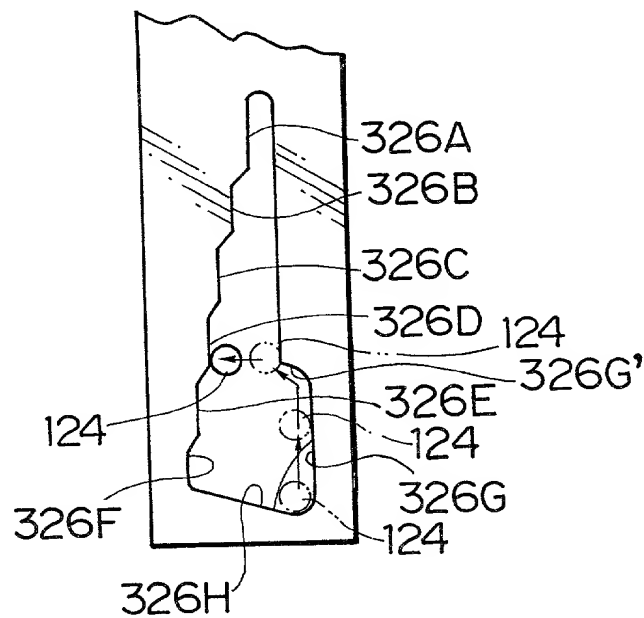
F I G. 1 5



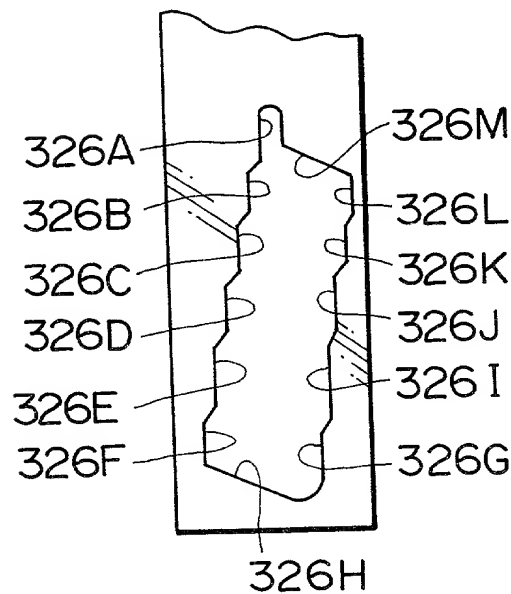
[illegible]



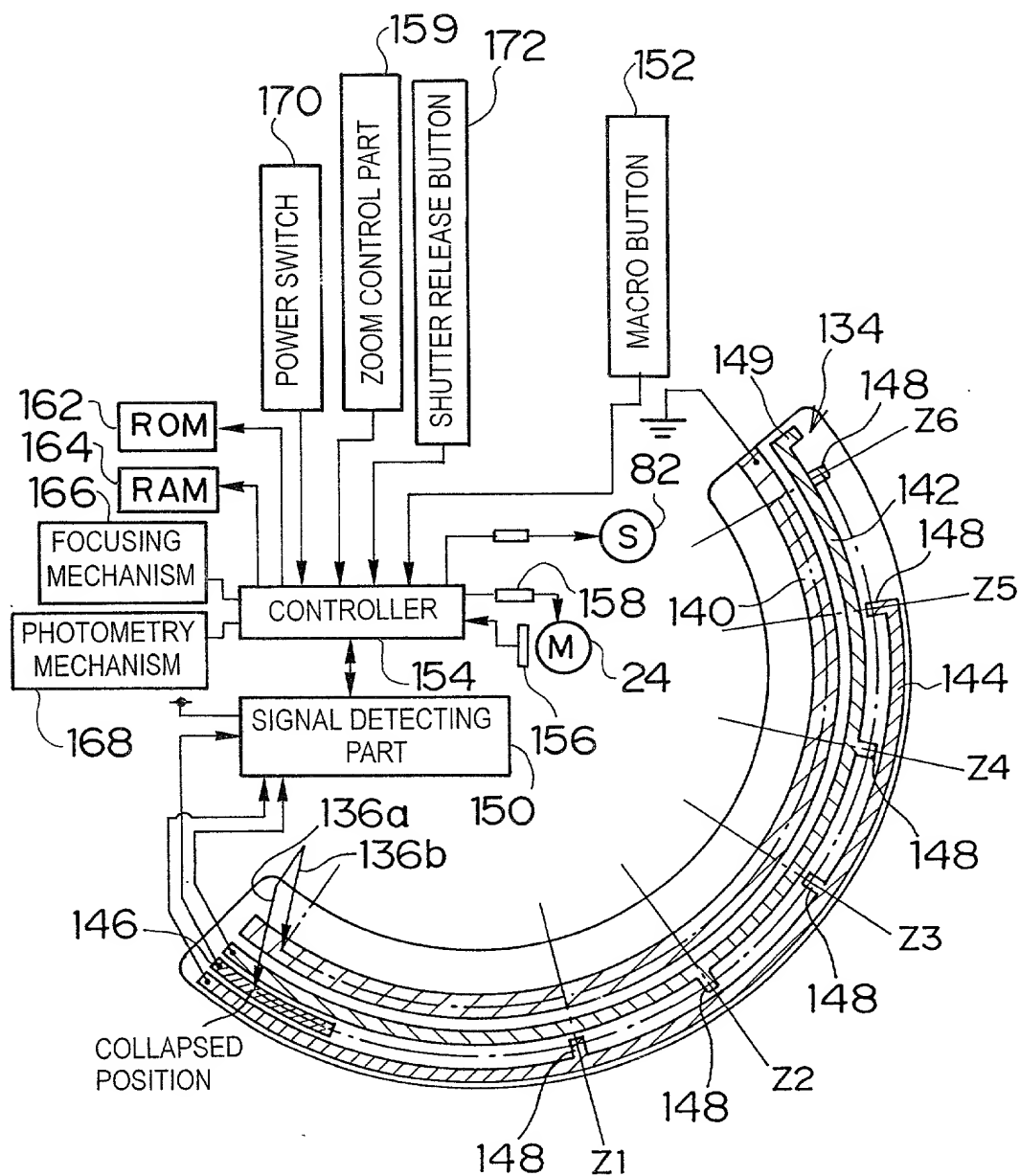
F I G. 1 7



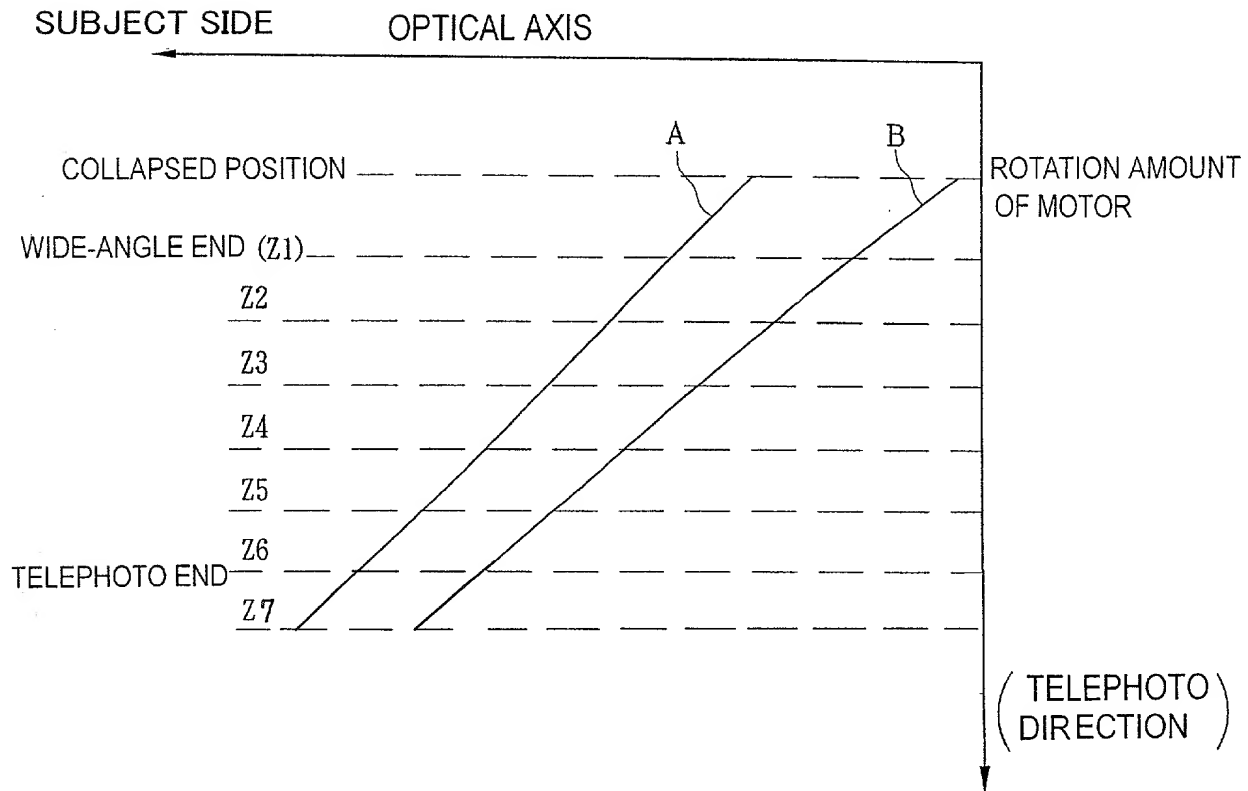
F I G. 1 8



F I G. 1 9



F I G. 2 0



F I G. 2 1

